

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

1051 U.S. PTO
02/26/02

Jc979 U.S. PTO
10/082077
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CUSTOMER NO. 004372

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Docket No. 108339-00054

Date: February 26, 2002

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): EFFICIENT OPTIMIZATION ALGORITHM IN MEMORY UTILIZATION FOR NETWORK APPLICATIONS

By (Inventors): Shih-Hsiung NI (San Jose, California, U.S.A.)

- 39 pages of Specification/Claims 1-56/Abstract are attached.
- Formal drawings (Figs. 1-3B; 4 sheets) are attached.
- A Declaration and Power of Attorney is attached.
- An assignment of the invention to Broadcom Corporation is attached, along with Form PTO-1595 and a check for \$40.00.
- Priority of foreign application No. -- filed -- in -- is claimed under 35 U.S.C. §119.
- A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	56 - 20	= 36
INDEP CLAIMS	15 - 3	= 12
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY	LARGE ENTITY
RATE	RATE
\$ 370	\$ 740
x 9 =	x 18 = \$ 648
x 42 =	x 84 = \$ 1008
+140 =	+280
TOTAL	TOTAL \$ 2396
OR	OR

- Check No. 335289 in the amount of \$2,436.00 (\$2,396.00 for the filing fee and \$40.00 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

Douglas H. Goldhush
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DHG/scc